

F16.1

PROVIDE OF DON OF SELECTING A CERTAIN TYPE OF CHANNEL (SUCH AS PAY-PER-VIEW) AS A PREFERENCE ATTRIBUTE 1-52 PROVIDE OPTION OF SELECTING A GIVEN AIRING OF A PROGRAM AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN PROGRAM SERIES AS A PREFERENCE ATTRIBUTE PROVIDE OPPION OF SELECTING A GENRE OR A CATEGORY OR ~58 OTHER GROUPING AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN RATING RANGE OF RATINGS. FOR PARENTAL CONTROL ADVISORY AS A PREFERENCE ATTRIBUTE PROVIDE OPTION OF SELECTING A GIVEN ACTOR OR ACTRESS AS A PREFERENCE ATTRIBUTE PROVIDE DPTION OF SELECTING A GIVEN TOPIC, KEYWORD, OR SPORTING TEAM AS A PREFERENCE ATTRIBUTE

FIG. Za

TO FIG. 26

PROVIDE OPTION OF SELECTING A
GIVEN WORD OR PHRASE IN A
PROGRAM DESCRIPTION AS A
PREFERENCE ATTRIBUTE

PROVIDE OFFIDN OF SELECTING A
GIVEN CHANNEL AS A PREFERENCE
ATTRIBUTE

PROVIDE OPTION OF SELECTING A

GIVEN START TIME, END TIME, OR

RANGE OF TIMES AS A

PREFERENCE ATTRIBUTE

PROVIDE OPTION OF SELECTING ORIGINAL PROGRAMS OR REPUNS AS A PREFERENCE ATTRIBUTE

PROVIDE OPTION OF SELECTING

A GIVEN BROADCAST CHARACTERISTIC

SUCH AS CLOSED-CAPTION ING OR

SECOND AUDIO PROGRAM AS

A PREFERENCE ATTRIBUTE

FIG, 26

PROVIDE OPTION OF SELECTING A
GIVEN LANGUAGE AS A PREFERENCE ~
ATTRIBUTE

PROVIDE OPTION OF SELECTING PROGRAMS
WITH A SPECIFIED CRITICS RATING
OR HIGHER) AS A PREFERENCE
ATTRIBUTE

PREFERENCE ATTRIBUTE

SERIES # 1

SERIES #2

SERIES #3

MOVIES

GAME SHOWS

NEWS

BASE BALL

COMEDY

JOHN WAYNE

ARNOLD SCHWARZENEGGER

F16,3

PROVIDE OPTION OF SPECIFYING

PRIORITY OR SORT ORDER

FOR EACH OF THE SELECTED

PREFERENCE ATTRIBUTES

82

LIST

84

TUNE

,86

DISPLAY LIST OF

CURRENT OR FUTURE

PROGRAMMING BASED

ON SELECTED

PREFERENCE ATTRIBUTES

AND SPECIFIED

PRIORITY OR SURT ORDER

ALLOW TUNING TO

CERTAIN CHANNELS

BASED ON SELECTED

PREFERENCE ATTRIBUTES

AND SPECIFIED

PRIORITY OR SORT

ORDER

ALLOW AN INDIVIDUAL

AIRING OF A PROGRAM

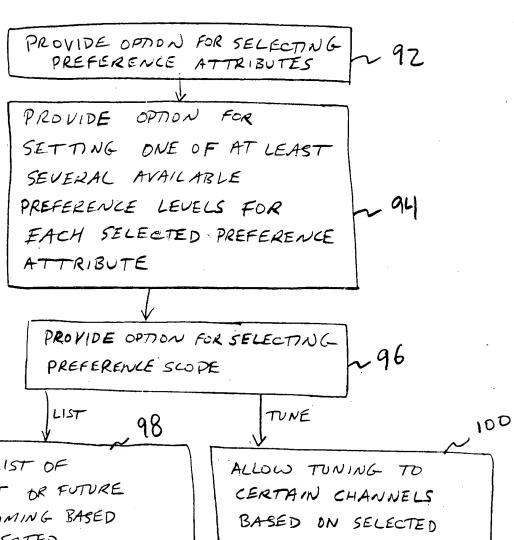
THAT WAS SELECTED AS

A PREFERENCE ATTRIBUTE

TO EXPIRE AFTER PROGRAM

IS AIRED

PROVIDE OPTION OF DESELECTING PREFERENCE ATTRIBUTES



DISPLAY LIST OF

CURRENT OR FUTURE

PROGRAMMING BASED

ON SELECTED

PREFERENCE ATTRIBUTES,

SELECTED PREFERENCE

LEVELS, AND

SELECTED SCOPE

ALLOW TUNING TO

CERTAIN CHANNELS

BASED ON SELECTED

PREFERENCE ATTRIBUTES,

SELECTED PREFERENCE

LEVELS, AND

SELECTED SCOPE

•		102
	PREFERENCE ATTRIBUTE	PREFERENCE
	COMEDY	STRONG LIKE
	DISNEY CHANNEL	WEAK LIKE
	HORROR	WEAK DISLIKE = 106
	ARNOLD SCHWARZENEGGER	STRONG DISLIKE
	LLOSE-CAPTIONE	MANDATORY
•	R RATING	ILLEGAL
	ENGLISH	MANDATORY
*	TV-MA RADNC	ILLEGAL
	NC-17 RATING	ILLE GAL
•	Scope = Likes	ONLY

F16.7

SCOPE SCOPE	ATE WIDE	TITLE	GENRE	31	CC RATING	MANDATORY # HIGHEST NOT ILLEGAL. LEVEL	HIGHEST
_ >	- 2	SEIN FELD	COMEDY	<b>&gt;</b>	79-1	<b>&gt;</b> -	7
	<b>&gt;</b> -	THE SHINING	HORROR	<i>ۍ</i>	PG-13	>	3
>	7	DANTES PEAK	COMEDY	>	<	2	75
2	2	NIGHT AT THE OPERA	LOMEDY	2	Ġ	2	78
<b>&gt;-</b>	>-	ER	DRAMA	ح	71-66	<b>&gt;</b>	NEUTRAL
Z	<b>&gt;-</b> ·	TERMINATOR	ACTION HORROR	>	PG-13	>	as
>.	>-	MY STEPMOTHER IS AN ACIEN	COMEDY HORROR	<b>&gt;</b>	P6-13	<b>)-</b>	2r+ wD

F16.8

PROFILE NO	o. 1
SEINFELD	SL
COMEDY	SL
HORROR	SD
RERUNS	WD
"BOND"	SL
SCOPE = NARRO	iv

PEOFILE	<del>-0.</del> <del>-</del>
ESPN	WL
HOCKEY	SL
SAP	WL
COMEDY	WL
SCOPE = MODERA	TE.

PROFICE NO	2. 3
CRITICS' RATING ABOVE 3#	SL
MOVIES	SL
SPORTS	SD
PAY-PER-VIEW	WL
SCOPE = NARROW	

PROVIDE OPTION OF
SELECTING WHICH
PROFILE TO MAKE
ACTIVE

DISPLAY LIST OF PROGRAMMING

OR ALLOW TUNING TO CERTAIN

CHANNELS BASED A SINGLE OR

MULTIPLE ACTIVE PROFILES

112

TUNE TO A SELECTED PROGRAM.
OR HIGHLIGHT A DESIRED
PROGRAM LISTING

FAV KEY PRESSED

PROVIDE OPPORTUNITY

TO MODIFY OR CREATE

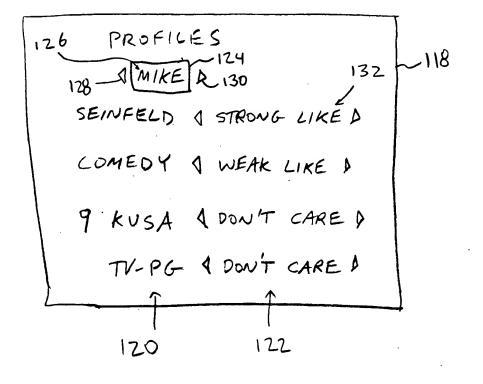
PROFILE BASED ON

CHARACTERISTICS OF

SELECTED PROGRAM

OR HIGHLIGHTED PROGRAM

LISTING



F16.12

PROFILES 1 MIKE D × 136 PROGRAMS & SEINFELD D w 138 1 STRONG LIKE D CATEGORY O COMEDY D 2 140 & STRONG LIKE & RATING &G & 2142 1 DON'T CARE ! CHANNEL 1 2 D 1 DON'T CARE D

F16, 13

MONITOR WHICH

PROGRAMS ARE WATCHED

BY USER BY MONITORING

VIEWING TIMES, CHANNELS,

AND FREQUENCIES

148

AUTOMATICALLY MODIFY
PROFILE BASED ON
WHICH PROGRAMS ARE
WATCHED

150

PROVIDE OPPORTUNITY TO
REVIEW AUTOMATIC
PROFILE MODIFICATIONS
AND TO REMOVE OR
CHANGE THESE
MODIFICATIONS

F16, 14

PROVIDE OPTION OF

DISABLING AUTOMATIC

PROFICE MODIFICATIONS

154

PROVIDE OPTION OF TURNING
AUTO-REMINDERS ON 156

DISPLAY AUTOMATIC
REMINDERS BASED ON
PROFILE THAT IS ACTIVE
JUST PRIOR TO THE

USER SELECTS "VIEW NOW"

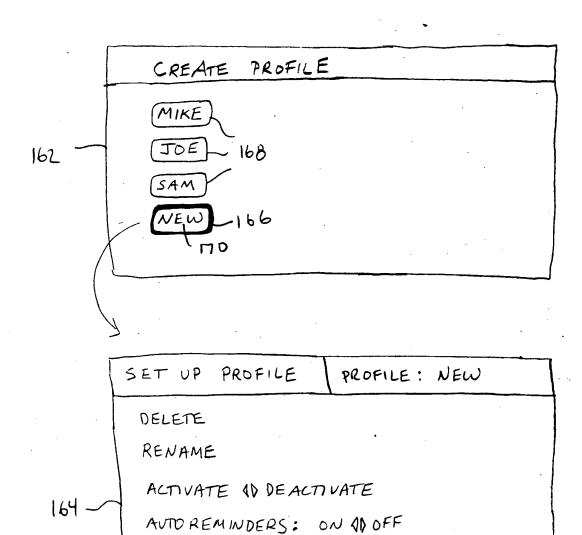
SCHEDULE D BROADCAST

SAMS FYING THE ACTIVE PROFILE

TIMES OF PROGRAMS

TUNE TO PROGRAM
FOR WHICH REMINDER ~ 160
WAS DISPLAYED

F16, 15



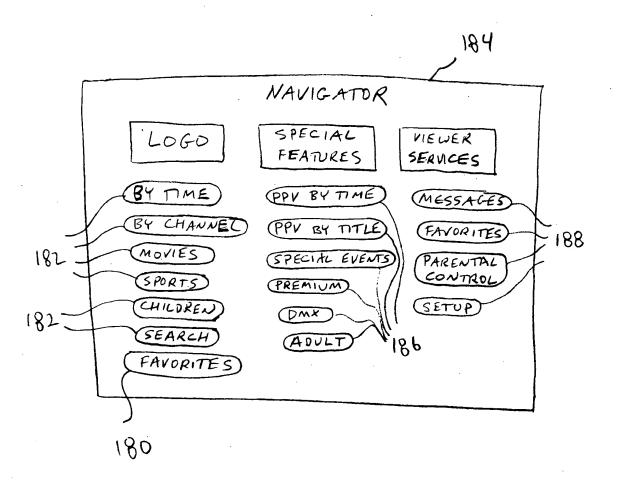
SCOPE: ONLY LIKES OF ALL BUT DISLIKES OF ALL LEGAL

CONTROL

F1616

PARENTAL

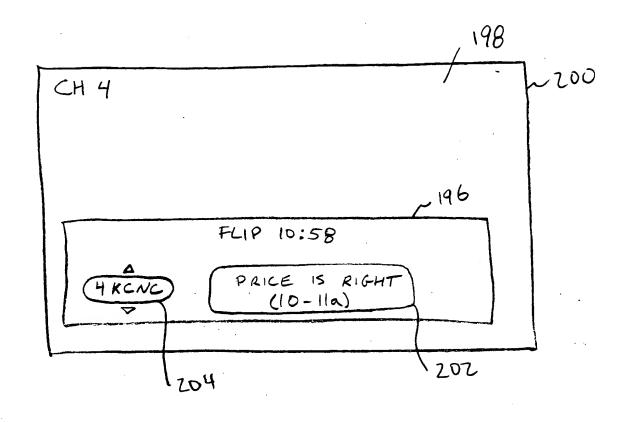
PROVIDE OPPORTUNITY TO SELECT FAVORITES BY-TIME DISPLAY FORMAT OPTION PROVIDE OPPORTUNITY TO SELECT FAVORITES. 176 ALWAYS ON DISPLAY MODE PROVIDE OPPORTUNITY TO SELECT DISPLAY MODE IN WHICH -178 ALL PROGRAMS ARE DISPLAYED BUT IN WHICH HIGHLIGHT MOVEMENT IS RESTRICTED TO PROGRAMS SATISFYING PROFILE



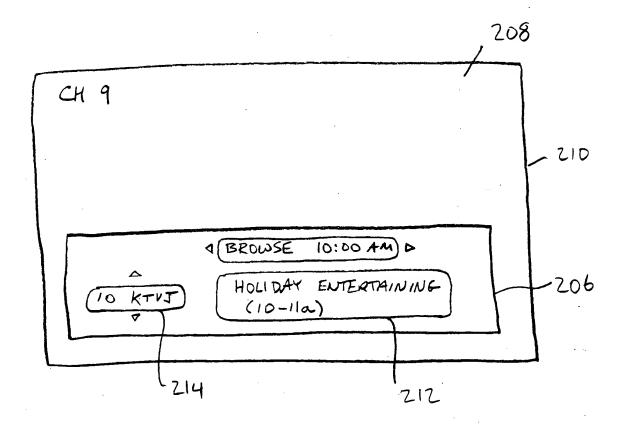
F16.18

TIME	CH	TITLE
9:00 PM	4	SEINFELD
10:00 PM	2.	DANTES PEAK
10:00 PM	7	ER
PROFILE AMIKED  SCOPE A ONLY LIKES D = 196		

FIG. 19



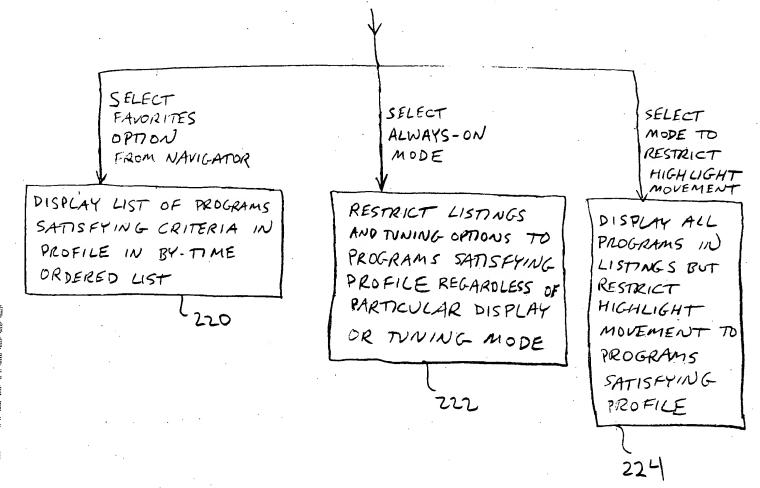
F16,20

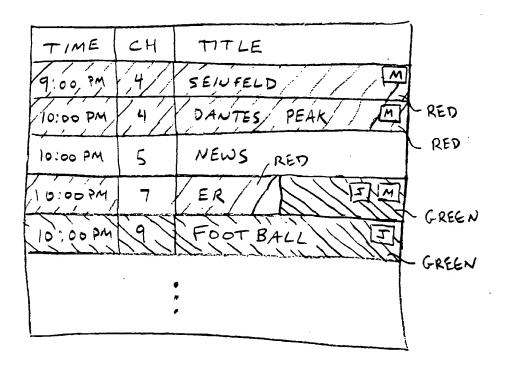


F16,21

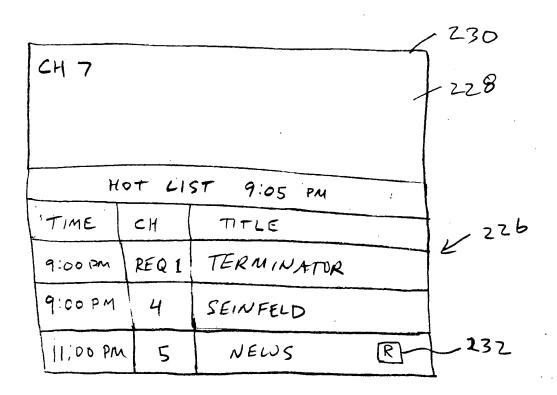
				*	21
		TIME	CH	TITLE	
,	$\sim \Gamma$	10:00 PM	4	DANTES PEAK	
PRESS (	$\int_{\mathcal{L}}$	10:00 PM	5	NEWS	
,	۱	10:00 PM	7	ER	
					1

F16. ZZ





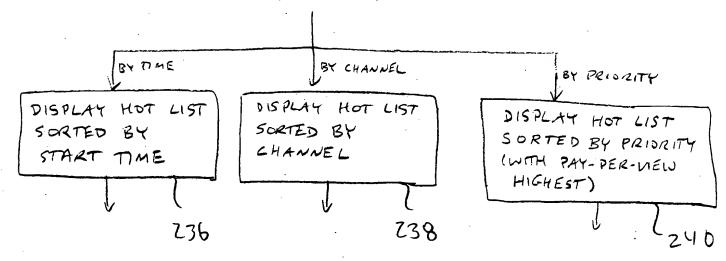
F16.24



F16. 25

PROVIDE OPPORTUNITY TO
SELECT OPTION OF DISPLAYING
HOT LISTASHORT TIME BEFORE
SCHEDULED BROAD CAST TIME
OF PROGRAMS ON HOT LIST
AND TO ADJUST THIS TIME

Z 34



F16.27

PERSONAL IDENTIFICATION NUMBER SETUP

PROFILE STORY D

PIN: \*\*\* 246

PIN REQUIRED FOR:

ACTIVATING PROFILE Y IN

250 - DEACTIVATING PROFILE Y IN

251 - VIEWING PROFILE ATTRIBUTES Y IN

254 - ADDING, DELETING, OR CHANGING ILLEGAL ATTRIBUTES IN N

256 - A DDING, DELETING, OR CHANGING MANDATORY ATTRIBUTES IN N

258 - ADDING, DELETING, OR CHANGING LIKES AND DISCIKES Y IN

MASTER PROFICE

R RATING ILLEGAL
ENGLISH MANDATORY

PROFILE JOEY

COMEDY STRONG LIKE

R RATING MANDATORY

:

FlG. 29

PROVIDE OPPORTUNITY 260 CREATE OR MODIFY MASTER PROFILE PROUDE OPPORTUNITY TO ACTIVATE MASTER PROFILE AND ONE OR MORE OTHER 262 PROFILES USING MASTER PIN TO ACTIVATE MASTER PROFICE RESOLVE CONFLICTS BETWEEN PROFILES IN FAVOR OF MASTER 1264 PROFILE DISPLAY LIST OF PROGRAMMING 266 OR ALLOW TUNING BASED ON PROFILES

F16. 30

p.Ar	EUF	•			
PROFILE  PROFILE NAME: MIKE					
PROGRAM SETTINGS					
COMEDY STRONG LIKE					
ENGLISH	MANDATORY				
	<del> </del>				
SLOPE = MI	DERATE				
AUDIO DOLBY	DOLBY ON 4 DFF 268				
STERED ON 1) OFF  :  DISPLAY  BRIGHTNESS 9 HIGH D					
	ANGUAGE OFRENCHD	270			
2					

F16.31



PROUIDE OPPORTUNITY FOR
SETTING PROGRAM SETTINGS
(PREFERENCE ATTRIBUTES AND

PREFERENCE LEVELS)
ASSOCIATED WITH PROFILE

-272

PROVIDE OPPORTUNITY FOR SETTING NON-PROGRAM SETTINGS ASSOCIATED WITH PROFILE

- 274

PROVIDE OPPORTUNITY TO ACTIVATE PROFILE

-276

OPERATE USER TELEVISION

EQUIPMENT AND PROGRAM

GUIDE USING

NON-PROGRAM SETTINGS

ASSOCIATED WITH PROFILE

-278

PROVIDE ACCESS TO E-MAIL

OR OTHER MESSAGING SERVICE ~ 280

BASED ON INFORMATION ON
WHICH PROFICE IS ACTIVE